

## Character Figures for Calcium-Flocculi

The character figures are assigned on the scale of 0, 1, 2, 3, 4, 5. The numbers refer to the area and intensity of the flocculi; 0 representing absence or rarity, 5 extreme abundance and intensity. As central zone a circular surface of a semidiameter of the sun's disc has been taken.

### Whole Sun Disc

1918

Observatory	January																															Mean	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Cambridge/Kodaik.	3.5		3	2.5	2.5	2.5	2.5	2.5	2.5	3	3	3.5	3.5	3.5	3.5	3.5	3.5	4	4	4.5	4	4		3.5	3.5		3.5	3.5	3	3.5	3.5	3.3	
del Ebro . . . .	3	2.7							1.7	1.7	2												3	3		1.5			2	2.5	2.2	2.3	
*Meudon . . . .																																	
Mount Wilson . .	3	3	3		2	2	2	2								4	4	4	4		4	4	4				3		3	2	3	2	3.1
Tokyo . . . . .			2	2	2	2	2	2	2	3	3	3		3	3	4	4	3	3	3	3	3				3	2		2		2	3	2.7
Mean . . . . .	3.2	2.8	2.7	2.2	2.2	2.2	2.2	2.2	2.1	2.6	2.7	3.2	3.5	3.2	3.2	3.8	3.8	3.7	3.7	3.8	3.7	4	3.5	3.2	3.2	2.2	3.5	2.8	2.3	2.8	2.7	3.0	

Observatory	February																															Mean	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Cambridge/Kodaik.	3	2.5	2.5	2.5	2.5	3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4	4	4	4.5	4.5	4.5	4	3.5	3.5	3	3	3	2.5	2.5	2.5				3.3	
del Ebro . . . .	2			1.7				2.7	2.2	2.2	2.7	2.5	3	2.7	3	2.7											2	1.7		2	1.7		2.4
Meudon . . . . .																																	
Mount Wilson . .			2	3		2			2	2	2	3		4	4	4	4											2					2.8
Tokyo . . . . .	2	2		2			2	2		2		3	3				4		4							3							2.8
Mean . . . . .	2.3	2.2	2.2	2.3	2.5	2.5	3.5	2.7	2.4	2.6	2.7	3	3.2	3.6	3.7	3.6	4.2	4	3.8	3.4	3.1	2.9	2.6	2.5	2.6	2.5	2.2	2.1				2.9	

Observatory	March																															Mean	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Cambridge/Kodaik.	2.5	2	2	2	2	1.5	2	2.5	2.5	2.5	2	3.5	3.5	4	4	3.5	3.5	3.5	3.5	3.5	3	2.5	2.5	2	2.5	3	3	3	3	2.5	2.5	2.8	
del Ebro . . . .	1.7	1.2	1.2				1.5				1.5	2		2			1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.2		1.2	1.5	1.5	1.5	1.2		1.5	
Meudon . . . . .																																	
Mount Wilson . .		3	2						2	2	2	3		3	4	4						2	2	2	3	2		2	2.5	2	2	2.5	
Tokyo . . . . .		2	2		1			2				3	3	3			3	3			3	3	2	2	2		2					2.4	
Mean . . . . .	2.1	2	1.8	2	1.5	1.5	1.8	2.5	2.2	2.5	1.8	2.8	3.2	3	4	3.8	2.7	2.7	2.5	2.7	2.4	2	2	2	2.2	2.1	2.1	2.3	2.2	1.9	2.2	2.3	

Observatory	April																															Mean
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Cambridge/Kodaik.	2.5	2.5	2.5	3	3.5	4	4	4	4	4	4	3.5	3	3	3	3	3	2.5	2.5	2	1.5	1.5	1.5	1.5	1.5	1	2	2	2.5	2.5	2.7	
del Ebro . . . .		2.7	2.7	2.7	2.7	3.2		3.7	3.2	3.2	3.2				2.5	2.5		1.7	1.2	1.5	1.5	1.2	1.2		1.5	1.7	1.7	2			2.3	
Meudon . . . . .																																
Mount Wilson . .	2				4		4	3		3.5	3		3	2	2	2	2	1	1	1	2	2	2	2		2	2	3	3	3	2.4	
Tokyo . . . . .		2						4	4					3	3	2	2	2	2	2	2	2	2	2	1	1	2	2	3	3	3	2.0
Mean . . . . .	2.2	2.4	2.6	2.8	3.4	3.6	4	3.6	3.6	3.6	3.4	3.5	3	3	2.6	2.5	2.5	2.0	1.7	1.6	1.3	1.6	1.6	1.5	1.3	1.6	1.9	2.2	2.8	2.8	2.5	

Observatory	May																															Mean	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Cambridge/Kodaik.	2.5	2.5	3.5	3	3.5	3.5	3.5		3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3	2.5	2		2	2.5	2.5	2.5	2.5	3.5	3	2.5	2.5	3.0
del Ebro . . . .	2.5	3					3.5	3.5	3.7	4.2	4	3.7	3.5	2.7	2.2	2.2	2.5	2	1.7	1.7			2.2	2.2	2	1.7	2		2.5	2.7	3	2.7	
Meudon . . . . .																																	
Mount Wilson . .	3	3	3.5	3.5			3				3	3		3.5	3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3		3	2.5		3		3	3	2.9	
Tokyo . . . . .		3	3				4	4						3	3	2	2.5	2.5	2.5	2.5	2.5	2.5	2	2	3		2		3	3	3	2.8	
Mean . . . . .	2.7	2.9	3.3	3.2	3.5	3.5	3.3	3.8	3.7	3.8	3.5	3.4	3.5	3.2	2.9	2.6	2.7	2.5	2.1	2.1	2.3	2.2	2.7	2.3	2.1	2.8	2.5	2.5	2.7	3	2.7	2.9	

Observatory	June																															Mean	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Cambridge/Kodaik.	2.5	3.5	3.5	4	4	4	4	3.5	3.5	2.5	2	1.5	1.5	1.5	1.5	1.5	1.5	2	2.5	2.5	3	3	3.5	3.5	3.5	3	3				2.8		
del Ebro . . . .	3	3.5	3.5	3.2	3			3	2.7	2	1.5	1	1.2	1.2	1.2	1.5	1.2	1.2	1.2	1.2	1.5	1.5	1.7	1.5							1.9		
Meudon . . . . .																																	
Mount Wilson . .	3	3	3.5	4	4	4		3	2.5	1.5	1.5	1.5	1.5	1.5		1.5	1.5			2	2.5	2.5	2	2	1	1.5	1	2	2		2.2		
Tokyo . . . . .							3	3			2	2	2	2	1	1.5	1.5				2	2.5	2.5	2	2		1	1.5	1	2	2	2.3	
Mean . . . . .	2.8	3.3	3.5	3.7	3.7	4	3.5	3.1	2.9	2	1.8	1.3	1.6	1.4	1.4	1.4	1.4	1.6	1.8	2	2.3	2.3	2.3	2.3	2.5	2.2	2.2	1.9	2.3	2.3	2.8	2.4	

\* = No observations during the war.

### Character Figures for Calcium-Flocculi

The character figures are assigned on the scale of 0, 1, 2, 3, 4, 5. The numbers refer to the area and intensity of the flocculi; 0 representing absence or rarity, 5 extreme abundance and intensity. As central zone a circular surface of a semidiameter of the sun's disc has been taken.

#### Whole Sun Disc

1918

Observatory	July																															Mean		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Cambridge/Kodaik.	3	3.5	3.5	3.5	3.5	4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4	4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	
del Ebro . . . .	2.5	3	3	3.7	4	4	3.2	3.2	2.7		2.7	2.2	3.5	2	2.5	2.5		2.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	
Meudon . . . .																																		
Mount Wilson . .		3	3	3	3	3.5		3	2	2	2	2	2	2	2.5	2.5	2.5	2		2	2	2.5	2.5	3	2.5	3	3	2.5	2	3	2.5	2.5		
Tokyo . . . .	3	3	3	4		3		3	3	3	3		2								2	3	3	3		3	4	3	3	3	3	3		
Mean . . . .	2.8	3.1	3.1	3.6	3.5	3.6	3.4	3.2	2.8	2.8	2.8	2.6	2.5	2.5	2.8	3	3.2	2.7	3.5	2.8	2.7	3	3.2	3.2	3	3.2	3.4	3	2.9	3.2	3	3.0		

#### August

Cambridge/Kodaik.	4	4	3.5	2.5	3	2.5	2.5	2.5	2.5	2	2	2.5	2.5	3	3.5	3.5	3.5	4	4	4	4	4	3.5	3.5	3.5	3.5	3.5	3.5	3	2.5	2.5	3.2			
del Ebro . . . .	3	3.5	3.2	3.5	3.2	2.5	2.5	2.5	2.5	2.2	2.2	3	3	3.2	3	3.2						3.7	3.5	3.7			3.7	3	3.2	3.5	3.2	3	3.5	3.5	3.1
Meudon . . . .																																			
Mount Wilson . .	3	3	2.5	2	2		2	2	2	2	2	2	2	2.5		3	3	3	3	3.5	3	3	3	4	3	3	2.5	3	3.5	2.5	2.5	2	2.6		
Tokyo . . . .		3			3			3	3	3		3		3	3	3	3					4		4		4	4	4						3.3	
Mean . . . .	3.3	3.4	3.1	2.7	2.8	2.5	2.3	2.5	2.5	2.3	2.1	2.6	2.5	2.9	3.2	3.2	3.2	3.5	3.7	3.6	3.6	3.5	3.8	3.4	3.4	3.3	3.5	3.4	2.8	2.8	2.7	3.0			

#### September

Cambridge/Kodaik.	2.5	2.5	2.5	2.5	2	2	2	3	3	3	3	3	2.5	2.5	2.5	3	2.5	2.5	2.5	2	3	3	3.5	3.5	3.5	3.5	3.5	2.5	2.5	2.5	2.5	2.7		
del Ebro . . . .	3	2.5	2.5	2.5	2.5	2.5	2	2.5	2.2	2.2	2.2	2.5	2.2	2.2	2.7						3	2.7	2.7	3	3.5	3	3.5	3	3.2	3	2.7	3	2.6	
Meudon . . . .																																		
Mount Wilson . .	3	2	2	2	2		2	2	2	2	2.5	3	3	3	2.5	2.5	2.5	3		2.5		3	3	3	3	2.5	2					2.5		
Tokyo . . . .		3	3	3	2	2	1			2	3	3	3		3	4						3					3	3		2			2.7	
Mean . . . .	2.8	2.5	2.5	2.5	2.1	2.2	1.8	2.5	2.4	2.4	2.7	2.9	2.6	2.6	2.7	3.2	2.5	2.8	2.8	2.5	2.8	2.9	3.2	3.3	3	2.8	3.4	2.5	2.6	2.8		2.7		

#### October

Cambridge/Kodaik.	2.5	2.5	2.5	2	2.5	3	3.5	3.5	4	3.5	3.5			3.5	3	3.5	4	3.5	3.5	3.5	3.5	4	4	4	4	4	3.5	3	3	3.5	2.5	3.3		
del Ebro . . . .	1.7	2	2	2.2	2.5	2.5	3	3		3	3	2.7	2.7	3.2			3.5					3.7				3.5	3.5	3.7	3.7	3.2	2.7	2	2.9	
Meudon . . . .																																		
Mount Wilson . .		3				2.5	2	3	3	3	3	3	3	2.5	3	2.5	2.5	3		2.5		3	3	3	3	3	3	3	3	3	3	3	2.9	
Tokyo . . . .								3														3						3						3.0
Mean . . . .	2.1	2.5	2.2	2.1	2.5	2.7	2.8	3.1	3.5	3.2	3.2	2.8	2.8	3.1	3	3	3.3	3.2	3.4	3.5	3.2	3.8	3.5	3.8	3.4	3.5	3.4	3.2	3.1	3.1	2.2	3.0		

#### November

Cambridge/Kodaik.			2.5	3	2.5		2.5	2.5	2.5	2	2	2.5	2.5	2.5	2.5	3					3.5	4	4.5	4.5	4.5		3.5	3	3	3	2.5	3.0		
del Ebro . . . .		2.7	2.7		2.5							1		1.7							3.2	4	4				3.2	3	2.7	2.7	2.2		2.7	
Meudon . . . .																																		
Mount Wilson . .	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.5						4	4				3		2.5	2.5	2.5		2.4	
Tokyo . . . .											2	2	2	2		2					3	3					3	2		3	3		2.5	
Mean . . . .	2.4	2.4	2.2	2.5	2.3	2	2.2	2.2	2.2	2	2	1.9	2.2	2.1	2.5	2.5					3.2	3.8	4.2	4.5	3.8		3.1	3.2	2.6	2.7	2.7	2.7		

#### December

Cambridge/Kodaik.	2.5			2	2	1	1.5	1.5	1.5	1.5				2.5	2	2				2	2	2.5	3	3	3	3.5	3.5		3.5	3	2.5	3	2.4	
del Ebro . . . .	2.7	2.5	2.2	1.7	1.7					2.2	2.2			2.2	2.5	2.5	2.2	2.2		2.7			3	2.7	2.7	2.7	2.7	2.7	2.7	2.2	2	1.7	2.4	
Meudon . . . .																																		
Mount Wilson . .		2	2	1.5	1					1.5	1.5				2.5	2.5	2.5				2.5	2.5	2.5		3	3	3.5	3	3	3		2.5	3	2.5
Tokyo . . . .			2	2	2	2		2	1	1			1	2	2	2	2				2							2	2		3	3	2	1.9
Mean . . . .	2.6	2.2	2.1	1.8	1.7	1.5	1.5	1.5	1.8	1.6	1.6	1.6	1.6	2.4	2.3	2.2	2.1			2.4	2.2	2.2	2.8	2.9	2.9	3.1	3.2	2.8	2.6	3.1	2.7	2.5	2.4	2.3

### Character Figures for Calcium-Flocculi

The character figures are assigned on the scale of 0, 1, 2, 3, 4, 5. The numbers refer to the area and intensity of the flocculi; 0 representing absence or rarity, 5 extreme abundance and intensity. As central zone a circular surface of a semidiameter of the sun's disc has been taken.

#### Central Zone

1918

Observatory	January																															Mean	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Cambridge/Kodaik.	3.5*		1.5*	1.5*	1.5	1.5*	1.5*	1.5*	1.5*	1.5*	1.5*	2*	2*	2.5*	2.5	1.5*	1.5*	1	2*	3.5*	4*	4*		2.5	2.5		1.5	2	2.5*	2.5*	2*	2.1	
del Ebro	2.7	1.7							1.7	1.7	1.5												2.7	3		0.7			2	2.5*	2.5*	2*	1.9
**Meudon																																	
Mount Wilson	3	3	3		2	2	3	2								3	2	2	3		4		4	4			3	3	3	2	2	2.8	
Tokyo			2	1	1	2	3	3	2	2	4		4	4	5	4	3	2	4	4						3	2	3	3	3	3	2.9	
Mean	3.1	2.4	2.2	1.8	1.5	1.5	2.2	2.2	2.1	1.7	1.7	3	2	3.2	3.2	3.2	2.5	2	2.8	3.8	4	4	4	3.4	2.8	2.8	1.9	1.5	2.7	2.5	2.5	2	2.5

Observatory	February																															Mean
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Cambridge/Kodaik.	0.5*	0.5	1*	1.5*	1.5	1.5	2	2.5	2.5	2.5	2.5	2.5*	2.5*	2.5*	3.5	3.5*	4*	4.5*	3.5	2.5	2	1.5	1.5	1.5	1.5	2*	2*	2*				2.2
del Ebro	0.7		1.7					2.2	1.5	1.5	3	2.2	2.5	1.7	2.5	3.2		4.7	3	2	2.2	1.7	1.5	1.5	1		2	1.7			2.1	
Meudon																																
Mount Wilson			2	3		2		2	3	2	3		3	4	5	5											2					3.0
Tokyo	2	1		1			1	2		3	2				5		4		2	2				3								2.3
Mean	1.1	0.8	1.5	1.8	1.5	1.8	2	1.9	2	2.3	2.5	2.7	2.8	2.4	3.8	3.9	4.7	4.6	3.5	2.2	2.1	1.7	1.5	1.5	1.8	2	2	1.8			2.3	

Observatory	March																															Mean
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Cambridge/Kodaik.	2*	0.5	1.5	1.5*	1.5*	0.5	0.5	1.5	1.5	1.5	1.5	2*	2.5*	3.5*	3.5*	3	2.5	2*	2*	2*	1	0.5	0.5	1	2*	2.5*	2.5*	2.5*	2.5*	1.5*	1*	1.8
del Ebro	0.7	0.7	1.5			0.5						0.5	1	2.5			1	1.2	1.2	1.2	0.7	0.5	0.7	1.5	2.5	3	2.7	2	1.2		1.3	
Meudon																																
Mount Wilson		2	2				2		3	2	3		3	4	3.5						1	1	2	3	3		3	3	2	2	2.4	
Tokyo		1	2		2		1			2	3	3				3	2		3	3	1	1	1		3						2.1	
Mean	1.4	1	1.8	1.5	1.8	0.5	0.5	1.5	1.5	1.5	1	1.7	2.8	3	3.8	3.2	2.2	1.7	1.6	2.1	1.4	0.8	1	1.6	2.5	2.5	2.9	2.7	2.2	1.6	1.7	1.8

Observatory	April																															Mean
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Cambridge/Kodaik.	1*	1.5*	1.5*	2*	2.5*	3.5*	2.5	2	3*	3*	2.5*	2.5*	2.5*	2.5*	2.5	2.5	2	1	1.5	1.5*	1.5*	1.5*	1.5	0.5	0.5	0.5	1.5*	2*	2.5*	2	1.9	
del Ebro		1.5	2.2	2.7	3.2	3.5		2	3.2	4	3				2.7	2.7		0.5	1.2	1.5	1.2	1	0.5	0.5	1	1.7	2.5			2.0		
Meudon																																
Mount Wilson	2			4		3	2		4	3.5			3	3	2	0.5	1	1	2	1	2	1	1		2	3	3.5	3.5	3	2.3		
Tokyo		1					4	4						4		2	2		2				3	3	1	0	1	2	3		1.6	
Mean	1.5	1.3	1.8	2.4	3.2	3.5	2.8	2	3.1	3.7	3	2.5	2.5	2.8	3	2.4	1.2	0.9	1.2	1.8	1.2	1.5	0.8	0.8	0.8	1.2	1.8	2.5	3	2.5	2.1	

Observatory	May																															Mean
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Cambridge/Kodaik.	2.5	2.5*	3*	2	2.5	2.5*	3*	3.5*	3.5*	3.5*	3*	3*	2.5*	1.5	2*	1.5*	1.5*	1.5		1.5	1.5	1	2	2*	3.5*	3*	2.5*	1.5*	2*	1.5	2.3	
del Ebro	2.2	2.7					3	3.5	4.2	4.7	5	3.5	3	1.7	1.2	2.2	1.5	1.2	2	1.7		2	1.7	1.7	2	2.7	2.7	1.7	1.5	1.7	2.4	
Meudon																																
Mount Wilson	3.5	3.5	3	1			3				4	4		3	2	2.5	2	3	3	3	3		1.5	2		3			2	2	2.7	
Tokyo		3	3				4	4						2	2		2					3	3	1		3		2	3		2.7	
Mean	2.7	2.9	3	1.5	2.5	2.5	3	3.8	3.9	4.1	4.2	3.5	3	2.4	1.7	2.2	1.7	1.9	2.2	2.4	2.5	2.2	1.8	1.9	2	3.1	3	2.6	1.7	2.1	2.6	

Observatory	June																															Mean
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Cambridge/Kodaik.	1.5*	2.5*	2.5*	3.5*	4*	4*	3.5*	2.5	2.5	1.5*	1*	1*	0.5	0.5	0.5	0.5	0.5	1*	1*	1.5*	2.5*	3*	3.5*	3.5*	2	2	1	1.5		1.5	1.9	
del Ebro	1.7	3.2	4.2	4.5	4.7			2.5	1.7	1.2	1.2	1.2	0.5	0.7	1.2	0.7	0.5	1	1	2	1.7	2	2			0.5	0.7	0.7	0.7		1.7	
Meudon																																
Mount Wilson	3	4	4	4.5	4.5	4.5		2	1.5	1.5	2	2	1	1		1	1.5			3	3	3	3	2	1.5	1	0.5	1	1.5		2.3	
Tokyo							4	3			2		1			1					2			3				2			2.2	
Mean	2.1	3.2	3.6	4.2	4.4	4.2	3.8	2.5	1.9	1.4	1.6	1.4	0.8	0.7	0.8	0.8	0.8	1	1	2.2	2.4	2.5	2.8	2.8	1.8	1.2	0.7	1.1	1.4	1.8	2.0	

\* = Special activity in central zone.  
 \*\* = No observations during the war.

### Character Figures for Calcium-Flocculi

The character figures are assigned on the scale of 0, 1, 2, 3, 4, 5. The numbers refer to the area and intensity of the flocculi; 0 representing absence or rarity, 5 extreme abundance and intensity. As central zone a circular surface of a semidiameter of the sun's disc has been taken.

#### Central Zone

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Observatory	July																															Mean
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Cambridge/Kodaik.	2.5*	3*	3*	3*	3.5*	3.5*	3.5*	2.5*	2.5	2.5*	2*	2*	2.5*	2.5*	3*	3*	3*	3*	2.5*	2.5*	3*	3*	2.5*	2.5*	2*	2*	2.5*	2.5*	2.5*	2.5*	2.7	
del Ebro . . . . .	4.5	4.7	4.5	3.7	3.7	3.2	3	4	3.5		1.7	2.2		1.2	2.2	1.7		1.5		2.7	3.7	4	3.5	3.2		1.7	2	2.5	3.2	4	3.7	3.1
Meudon . . . . .																																
Mount Wilson . . . .		4	3.5	3.5	3.5	3.5		3.5	2	2	2	2	1	1.5	3	3	3	3		2	2.5	3.5	3	3	2	2	2	2.5	3	3	3	2.7
Tokyo . . . . .	3	5	5	5	4		4	4	3	2		1								3	4	4	4		2	2	3	3	4	4	3.6	
Mean . . . . .	3.3	4.2	4	3.8	3.4	3.6	3.2	3.8	3	2.5	2	2.1	1.3	1.7	2.6	2.6	3	2.5	3	2.4	2.9	3.6	3.4	3.2	2.2	1.9	2.2	2.6	3.2	3.4	3.3	2.9

#### August

Cambridge/Kodaik.	3.5*	3*	2.5	1	0.5	1	2*	2*	2*	0.5	0.5	1	1.5	1.5*	3*	3*	3.5*	3.5*	3*	3*	2.5*	1.5*	1.5*	2.5*	3.5*	3.5*	3.5*	3.5*	2.5*	1.5	1.5	2.2	
del Ebro . . . . .	4	2.7	2	1.5	1.2	1.5	2	2.5*	1.5	1.2	0.7	2.7	3	3	3.5	3.2				3.7	2.2	1.5		3.7	3.7	4.5	4.2	3.5	1.5	1.2	1.7	2.5	
Meudon . . . . .																																	
Mount Wilson . . . .	3.5	3	2	1	0.5		2.5	2	1	1	0.5	1.5	2	3		4	4	4	3.5	2.5	1.5	1	3	3	3	3.5	3.5	3.5	2	0.5	1	2.3	
Tokyo . . . . .	3	3		1	1			2	2	2		3	3	3	4	4			4	4	4		2	3	5	5						3.0	
Mean . . . . .	3.7	2.9	2.2	1.2	0.8	1.2	2.2	1.9	1.6	1.2	0.6	2	2.2	2.6	3.2	3.6	3.8	3.8	3.4	2.9	1.8	1.2	2.2	3.1	3.3	4.1	4	3.5	2	1.1	1.4	2.4	

#### September

Cambridge/Kodaik.	1.5	2	2	1.5	1	0.5	0.5	0.5	1.5	2*	2.5*	2.5*	2.5*	2.5*	2	2	0.5	0.5	0.5	1	2.5*	3*	3.5*	3.5*	3*	1.5	0.5	1*	1.5*	2*	1.7		
del Ebro . . . . .	2.7	3.2	2.5	2.2	1.5	1	0.7	1	1.5	1.7	1.7	2.5	2.5	3.2	3						2.2	3.2	4.7	5	4.5	3	1.2	2.5	2.5	2.5	2.5		
Meudon . . . . .																																	
Mount Wilson . . . .	2.5	2	2	1	0.5		0.5	1	2		3	3.5	3.5	4	3.5	1	0.5	1		3		4	4	3.5	3	1						2.3	
Tokyo . . . . .	2	2	3	2	1	1	0		2	2	3	3		3	3				1						4	2		1				2.1	
Mean . . . . .	2.2	2.3	2.4	1.7	1	0.8	0.4	0.8	1.7	1.9	2.6	2.9	2.8	3.2	2.9	2	0.5	0.8	0.8	2.1	2.8	3.9	4.2	3.8	3.2	1.5	0.8	1.5	2	2.2	2.1		

#### October

Cambridge/Kodaik.	2*	2.5*	1.5*	1.5*	2	2*	2*	2*	2.5*	3*	3.5*			2*	1	2*	3*	2.5*	2.5*	2.5*	3*	3.5*	4*	3.5*	3.5*	3*	2.5*	1.5*	2*	2.5*	2.5*	2.5	
del Ebro . . . . .	2.5	1	1.2	1.7	1.7	1.5	2		3.2	3.2	3	1.7	1			3.2				2.7					3.5	3.7	1.2	2	2.2	2.7	2	2.2	
Meudon . . . . .																																	
Mount Wilson . . . .	2.5					2	1.5	3	3.5	3.5	4	4	2.5	0.5	2	2.5	3.5	3	3.5		3.5	4	4	4	4	3	3	1.5	3	3		3.0	
Tokyo . . . . .							3													3					4	2		1					2.8
Mean . . . . .	2.2	2	1.4	1.6	1.8	1.9	1.7	2.5	3	3.2	3.6	3.5	2.1	1.2	1.5	2.2	3.2	2.8	2.9	2.5	3.2	3.8	4	3.8	3.8	3.2	2.2	1.5	2.4	2.7	2.2	2.6	

#### November

Cambridge/Kodaik.			1	1.5*	1.5		2.5	2.5	1.5	0.5	0.5	1.5	2*	2*	2*	2.5*			3*	4*	4.5*	4*	4*			2.5*	2.5*	2.5*	2*	1.5*	2.3		
del Ebro . . . . .	2	2.7		2.7								0.7		0.7					4.5	4.7	5				2	3	3	2.7	1.7		2.7		
Meudon . . . . .																																	
Mount Wilson . . . .	2	1.5	2	2	3	2.5	2.5	2	1	0.5	0.5	2			3						4	4				3	3	2	2		2.2		
Tokyo . . . . .										1	1	2	2		2				3	4				3		2	3	1	1			2.1	
Mean . . . . .	2	2.1	1.5	1.8	2.4	2.5	2.5	2.2	1.2	0.7	0.7	1.6	2	1.4	2	2.5			3.5	4.2	4.5	4	3.5		2	2.8	2.8	2.7	1.7	1.5	2.3		

#### December

Cambridge/Kodaik.	1.5			1.5	1.5*	1	0.5	0	0.5	0.5			2*	2	2				1.5*	1.5*	1.5*	3*	3*	3*	3*	2*		2	1.5	2.5*	3*	1.8	
del Ebro . . . . .	2.2	2.2	2	2	1.7				0.5	0.7			2.2	2.5	3	2	2		1.5			2.5	3.7	4	3.7		1.2	1.2	1.7	2.2	2.7	2.2	
Meudon . . . . .																																	
Mount Wilson . . . .		1.5	1.5	1.5	1				0.5	0.5			3	3	2.5				2	2	1.5		4	4	4	3.5	1.5	2	0.5		3.5	4	2.3
Tokyo . . . . .		2	2	3	2				0	1	1	2	3	3	3	2			2							2	1	1	3	4			2.1
Mean . . . . .	1.8	1.8	1.8	1.8	1.8	1.5	0.5	0	0.6	0.7		2.1	2.6	3	2.4	2			1.8	1.8	1.5	2	3.6	3.7	3.6	3.2	1.7	1.4	1.4	1.6	2.9	3.4	2.0